

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

3rd and Part Bill
Est Cost: 1250.00 Lakhs
Division: Yelahanka Projects Division
Bill Received No. Date
Scheduled Docted No.

Head of Account: P-3747
Job Number: 005-20-000054

Sub division:

Cash Book Voucher No. dated

Name of Work (as per sanctioned estimate): Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.

Name of Contractor and Full Address: M/s, A G Narayanaswamy

Reference to Work order No : EE(Project)/YNK Zone/WO/02/2021-22 Dated: 26.05.2021
Reference to Agreement No.

Certified that the measurement were taken by me on 19/02/2022 and recorded of pages 582837 to 582839 of measurement Book No: 04/20-21 and that the work is satisfactorily executed.

Contractor: A G Narayanaswamy

Officer in Charge of work

Certified that the measurements were taken by me on 19/2/2022 and are found correct and the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

		Sub-Division Officer
1) Total value of work done or supplies made as per account within	3rd part	
2) Deduct amount to be held in reserve being percent Rs.	Amount	1,26,35,980.00
3) Deduct amount to be held in Balance		
4) Deduct Payments:	Deductive 15	2,52,720.00
a) Amount of previous payment as in the office Cash Book Voucher	Can	1,26,360.00
No. Dated S.D No.	Cash	1,12,821.00
Amount adjusted towards cash advance recovery of		
b) Payments cost store or other materials supplied	SCST	1,12,821.00
Now made recovery of amount creditable to this/other work	CBT	1,26,360.00
Amount paid on this bill Cheque/Cash		
5) Balance being unpaid value of work done held in reserve	LR	31,42,90.00
6) Deduct cash advance made on the Office Cash Book Voucher No.		
dated less adjustments	Payable	93,16,48.00
7) Net amount due to or from contractor		
Unadjusted items	Net payable	1,17,04,332.00
8) Advance to contractor for materials brought to site (as detailed) with		
Value of Government materials supplied		

Contractor's Signature

Received Rs.

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1
2

Dated Signature of Contractor

Paid by me by cheque No. dated
Cast Rs. dated

Initials of Officer making payment

Audited & Admitted for Rs. 1,26,35,980.00

Rs. 1,17,04,332.00 (For use in the Office)

by Cheque
and Rs. 93,16,48.00 by Adjustment

Accts. Supdt.
Project Division
B.B.M.P.
Exe. Engineer
Project Division
Executive Engineer

Bruhath Bangalore Mahanagara Palike

Projects Division-Yelahanka Zone

Bill No 3rd and Part

Name of Work: Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagalur and Kattigenahalli Byatarayanapura Constituency.

SI.No	Unit	Previous Measurement		Present Measurement		Total UP-to-date		Rmks
		Qty	Amount	Qty	Rate Rs.	Amount	Qty.	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33,KPWD SR 2018-19)	337.20	35757.00	—	106.04	0.00	337.20	35757.00
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P No-144)	1629.68	329912.00	—	202.44	0.00	1629.68	329912.00
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (P.No-27,I No-5.31.1, KPWD SR 2018-19), 7.5cms thick	90.00	61600.00	—	684.44	0.00	90.00	61600.00
4	KSRRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.2,KPWD SR 2018-19)	84.00	429173.00	—	5109.20	0.00	84.00	429173.00
	Above 125%	165.27	919016.00	—	5560.70	0.00	165.27	919016.00

SI.No	Unit	Previous Measurement		Present Measurement		Total UP-to-date		Remarks
		Qty	Amount	Qty	Rate Rs.	Amount	Qty.	Amount
5	Cum	206.40	1432581.00	—	6940.80	0.00	206.40	1432581.00
		336.70	2404342.00	—	7140.90	0.00	336.70	2404342.00
6	MT	18.57	1253104.00	—	67480.00	0.00	18.57	1253104.00
		11.55	934950.00	—	80948.07	0.00	11.55	934950.00
7	Sqm	87.87	452757.00	—	5152.58	0.00	87.87	452757.00
8	Sqm	1350.00	2869587.00	—	2125.62	0.00	1350.00	2869587.00
		178.89	421163.00	—	2354.31	0.00	178.89	421163.00

Sl.No	Unit	Previous Measurement		Present Measurement			Total UP-to-date	
		Qty	Amount	Qty	Rate Rs.	Amount	Qty.	Amount
9	Cum	15410.96	980445.00	0.00	63.62	0.00	15410.96	980445.00
KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification No.301 Loading and unloading with 10km lead= (I No-19,14,P No-143,KPWD SR 2018-19)								
10	Cum	10941.43	22687712.00	459.70	2073.56	953220.00	11401.13	23640932.00
KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)								
11	Sqm	—	0.00	14488.58	28.92	419010.00	14488.58	419010.00
KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6), issue rate dated 03-01-2020								
12	Sqm	—	0.00	28522.53	13.50	385054.00	28522.53	385054.00
KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-158,I No-21.7), issue rate dated 03-01-2020								

Sl.No	Unit	Previous Measurement		Present Measurement		Total UP to date	
		Qty	Amount	Qty	Rate Rs.	Amount	Qty.
14	Cum	—	0.00	701.70	6835.72	4796605.00 4796625.00	701.70
15	Cum	—	0.00	579.54	8033.98	4656039.00 4656013.00	579.54
17	Cum	157.17	143936.00	—	915.80	0.00	157.17
							143936.00

Sl.No	Unit	Previous Measurement		Present Measurement		Total UP As-As			
		Qty	Amount	Qty	Rate Rs.	Amount	Amount		
18	KSRRB M600-1. Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016, aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V Revision and IS 456 Table-5, with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor.	Cum	221.40 ✓	745868.00 ✓	—	3368.87	0.00	221.40 ✓	745868.00 ✓
19	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum, Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermeable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of machineries, all lead & lift charges etc., complete as per specifications. (P.No-176, I No-22.6.1)	Cum	221.07 ✓	1105350.00 ✓	—	5000.00 ✓	0.00 ✓	221.07 ✓	1105350.00 ✓

Sl.No	Unit	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
		Qty	Amount	Qty	Rate Rs.	Amount	Qty.	Amount	
E-1	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (Page, 25 Item 5.26.2)	178.72	176796.00	-	989.23	0.00	178.72	176796.00	176795.00
E-2	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (Page, 13 Item 4.6)	11.39	66117.00	-	5804.79	0.00	11.39	66117.00	
E-3	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc., complete (Page, 27 Item 5.30)	3351.00	1463733.00	-	436.80	0.00	3351.00	1463733.00	1463712.00
E-4	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occurring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	48142.39	309074.00	0.00	6.42	0.00	48142.39	309074.00	
E-5	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 (Page, 147 Item 19.60)	4525.92	1574771.00	0.00	347.95	0.00	4525.92	1574771.00	1574792.00

Sl.No	Unit	Previous Measurement		Present Measurement		Total UP-to-date	
		Qty	Amount	Qty	Rate Rs.	Qty.	Amount
E-6	cum	3578.06	6703673.00 (6703674.00)	38.54	1873.55	3616.60	6775881.00 (6775881.00)
			62501523.00		11282125.00		58783659.00
	Sub Total		47501418.00		11282135.00		58783553.00
	GST 12%	5700183.00	5700170.00		1353855.00	7054038.00	7054026.00
	Grand Total		53201588.00		12635991.00	7054038.00	65837579.00
			53201711.00		12635980.00		65837690.00

Certificate:

- 1 Certified that the contractor has work done satisfactorily
- 2 The contractor has removed the debris from work site
- 3 There is no dept. material issued to the contractor

Contractor



[Signature]
Assistant Engineer
Yelahanka Projects

[Signature]
Assistant Executive Engineer
Yelahanka Projects